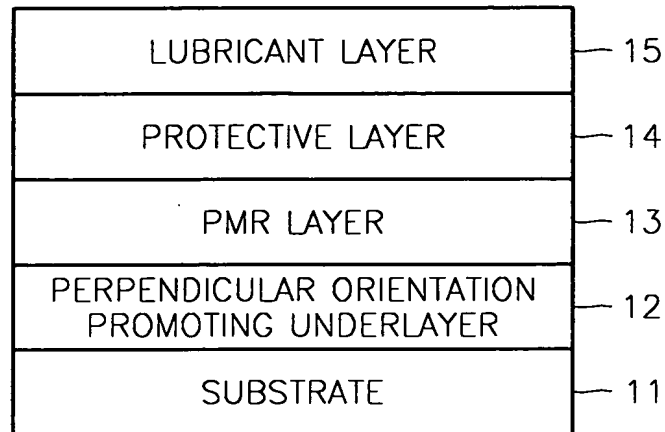


**FIG. 1A (PRIOR ART)**



**FIG. 1B (PRIOR ART)**

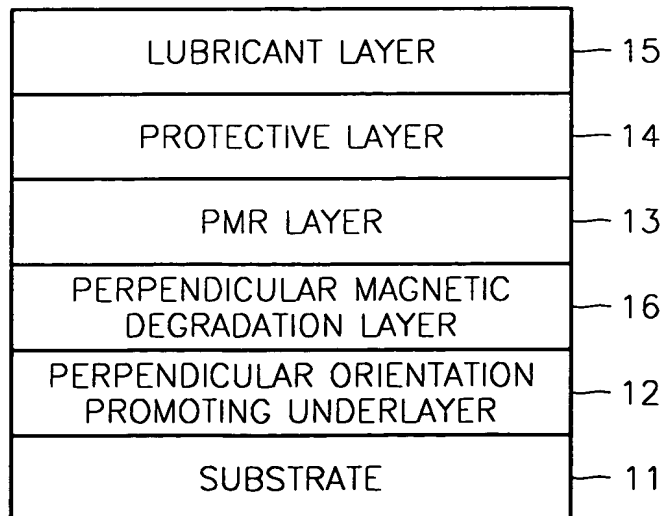


FIG. 2A

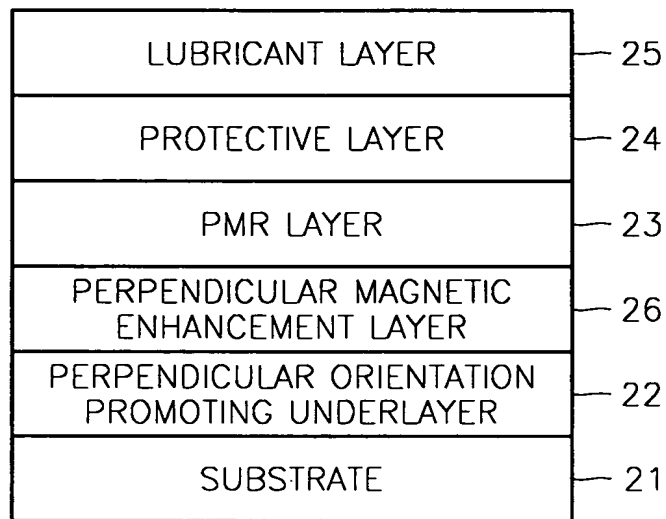


FIG. 2B

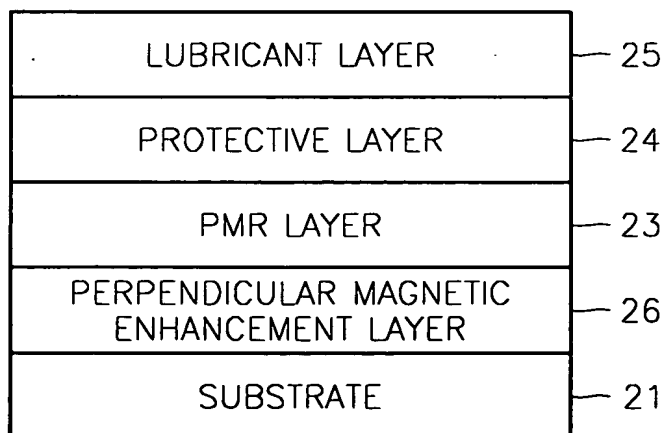


FIG. 3

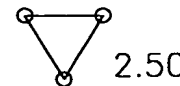
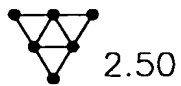
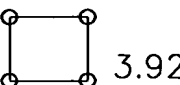
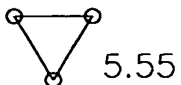
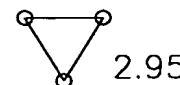
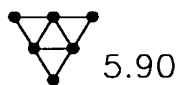
MATERIAL	STRUCTURE	LATTICE CONSTANT (Å)	PLANE 1 (Å)	PLANE 2 (Å)	JCPDS Card No.
Co	HEXAGONAL	2.5031	(0001)  2.50	(0001)  2.50	05-0727
Pt	FACE- CENTERED CUBIC	3.9231	(100)  3.92	(111)  5.55	04-0802
Ti	HEXAGONAL	2.9505	(0001)  2.95	(0001)  5.90	44-1294

FIG. 4

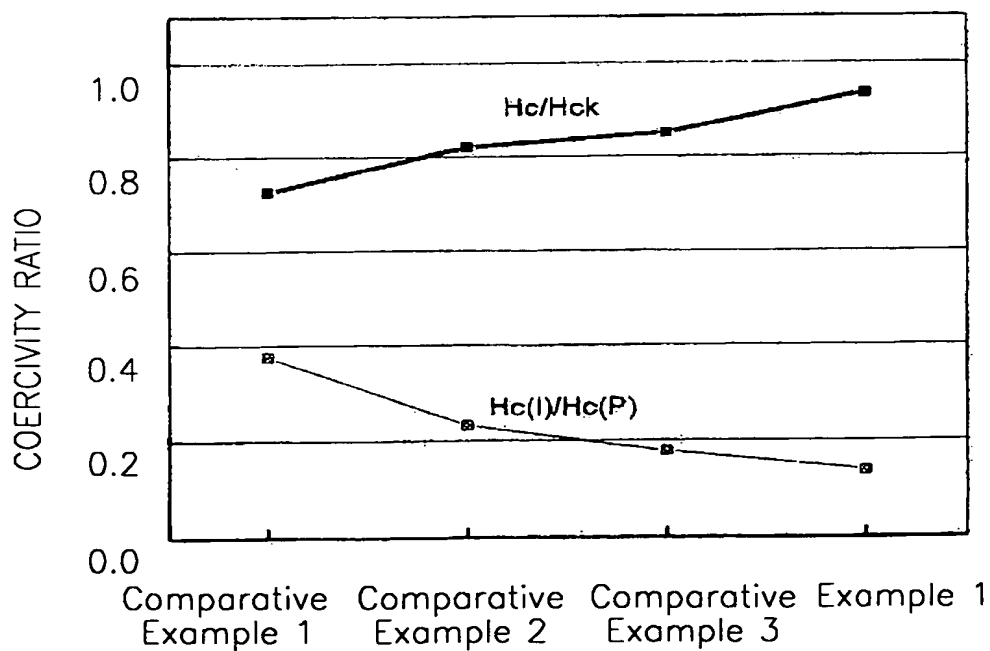


FIG. 5

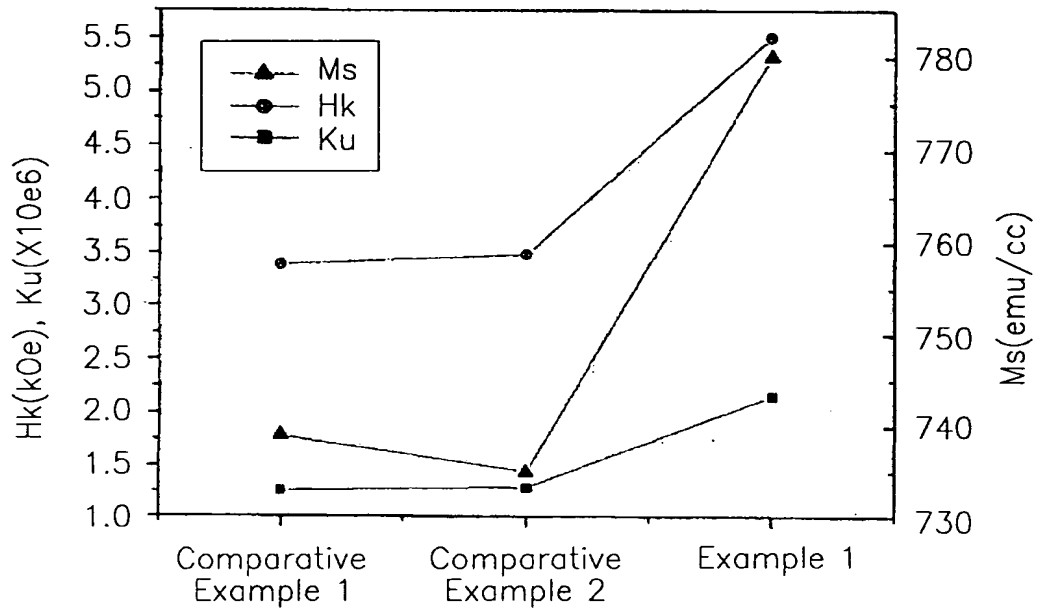


FIG. 6

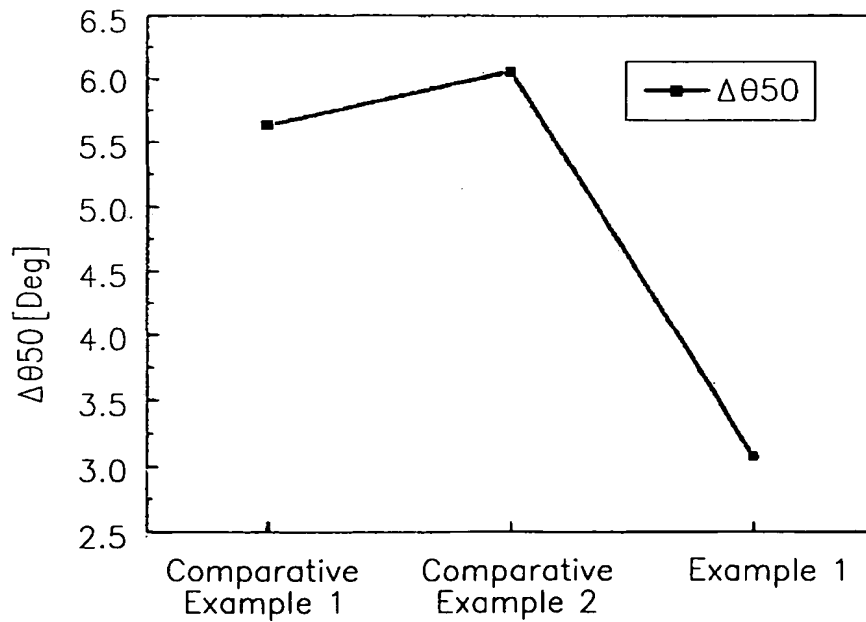


FIG. 7

